

MP



STEEL AND SPECIALIZED METAL DISTRIBUTOR
DISTRIBUTEUR D'ACIER ET DE MÉTAUX SPÉCIALISÉS

935, boul. du Havre, Valleyfield (Québec) J6S 5L1

Tél.: 450 377-4248
Fax: 450 377-5696

Ont.: 1-800-667-4248
Fax: 1-866-456-4242

D 4121-3

B 74263 X 10

B 72466 X 6

D 4121-5

B 72467 X 6

B 74265 X 7

www.aciercampi.com

sales@aciercampi.com

List Lots

November-14-11 1:27:43 PM

Page 1 of 1

Criteria : Item ID: d4121-5 All Locations All Warehouses All Quantity

Item ID	Warehouse ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
Item Name	Location ID				Lot Code		
D4121-5 Hose Assembly	Main Warehouse ST192	72467	11/04/11	6.0000	QC21		
	Main Warehouse ST192	74265	11/04/11	10.0000	QC21		
Total:				16.0000			

U6x -3 PO 15429 Mirabel

List Lots

Page 1 of 1

November-14-11 1:27:46 PM

Criteria : Item ID: d4121-3 All Locations All Warehouses All Quantity

Item ID	Warehouse ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
Item Name	Location ID				Lot Code		
D4121-3 Hose Assembly	Main Warehouse ST	72466	11/10/11	12.0000	QC21		
	Main Warehouse ST192	74263	11/04/11	10.0000	QC21		
Total:				22.0000			

Linda Lacelle

From: Don Taylor <dontaylor@aviall.com>
Sent: November-14-11 12:08 PM
To: Linda Lacelle
Cc: dshepherd@dartaero.com; Laura McClelland
Subject: RE: stupid hoses
Attachments: D4121 Rev. D.pdf

Don Taylor
Manager PRS II
972-586-1380
800-945-0686
Fax 972-586-1381
Cell 214-683-1524

B/N - QTC's
OLD D4121-3 → D4121-1 w/o
OLD D4121-5 → D4121-3 w/o

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference only and are no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

From: "Linda Lacelle" <llacelle@dartaero.com>
To: "Don Taylor" <dontaylor@aviall.com>
Cc: "Laura McClelland" <lmcclelland@aviall.com>, <dshepherd@dartaero.com>
Date: 11/14/2011 11:02 AM
Subject: RE: stupid hoses

Ok, so David & I just finished talking about these, and here is how we would like to proceed, if this is OK...

Return the old D4121-3 hoses and convert them to D4121-1 hoses per drwg Rev D @ 57.00/pc **ok**

Return the old D4121-5 hoses and convert them to D4121-3 hoses per drwg Rev.D @ ?? please advise **\$21.37 ea**

And order up a new batch of D4121-5 hoses per drwg Rev.D

Please confirm that this is ok, and I will send over the PO for the new hoses, D4121-5's and ship back the stkt -3/-5's to you tomorrow.

And lastly, if you could please confirm the Stratoflex P/N;s now match our drwg..

Thx again for all your help on this mess....

Linda

From: Don Taylor [mailto:don@aviall.com]
Sent: November-14-11 9:58 AM
To: Linda Lacelle
Subject: RE: stupid hoses

Don Taylor
Manager PRS II
972-586-1380
800-945-0686
Fax 972-586-1381
Cell 214-683-1524

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers

Linda Lacelle

From: Don Taylor <dontaylor@aviall.com>
Sent: November-14-11 9:58 AM
To: Linda Lacelle
Subject: RE: stupid hoses

Don Taylor
Manager PRS II
972-586-1380
800-945-0686
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Cell 214-683-1524

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From: "Linda Lacelle" <llacelle@dartaero.com>
To: "'Don Taylor'" <dontaylor@aviall.com>
Cc: <dshepherd@dartaero.com>, "'Laura McClelland'" <lmcclelland@aviall.com>
Date: 11/14/2011 08:52 AM
Subject: RE: stupid hoses

Ok, drwg will be corrected.

If you say the -5's will be out of tolerance, would it be more than $\frac{1}{2}$ "? we would be ok with it being $\frac{1}{2}$ " short. **it would be over 1 in short**

Also, can the -3's be converted to -1's, just so we don't scrap all of these? **Yes would need to add the 45**

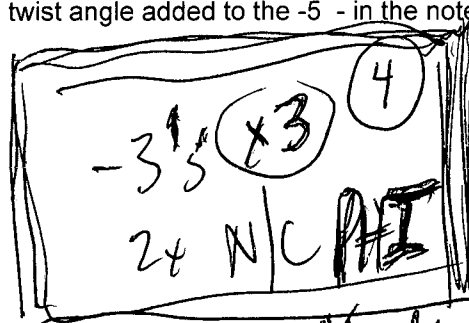
Let me know what the cost would be for reworking these. **\$52.00 ea assy - thats the cost of the fitting +5.00**

Thx

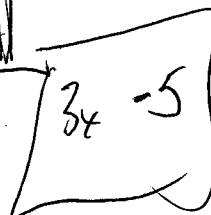
Linda

From: Don Taylor [<mailto:dontaylor@aviall.com>]
Sent: November-14-11 9:33 AM
To: Linda Lacelle
Cc: dshepherd@dartaero.com; 'Laura McClelland'
Subject: RE: stupid hoses

Don Taylor
Manager PRS II
972-586-1380
800-945-0686
Fax 972-586-1381
Cell 214-683-1524



Kevin



$$\begin{aligned} -5's &= -3's \\ -3's &= -1's \end{aligned}$$

order -5's
000

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From: "Linda Lacelle" <llacelle@dartaero.com>
To: "Don Taylor" <dontaylor@aviall.com>
Cc: <dshepherd@dartaero.com>, "Laura McClelland" <lmcclelland@aviall.com>
Date: 11/14/2011 08:08 AM
Subject: RE: stupid hoses

Ok, figured that...

We are not that familiar with the hose P/N's, so could you let us know if the Stratoflex P/N's we have indicated match the drwg of Rev.D, then we can issue you a new PO...

Thx

Linda

From: Don Taylor [<mailto:dontaylor@aviall.com>]
Sent: November-14-11 9:05 AM
To: Linda Lacelle
Cc: dshepherd@dartaero.com; Laura McClelland
Subject: Re: stupid hoses

Linda

Sorry we can not re work the -3 because of the length

The -5 will be out of tolerance if we remove the straight and and the 45

The rev D drawing needs the twist angle on the part number 156062D1054D??? is the correct call out

Don Taylor
Manager PRS II
972-586-1380
800-945-0686
Fax 972-586-1381
Cell 214-683-1524

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From: "Linda Lacelle" <llacelle@dartaero.com>
To: "Laura McClelland" <lmcclelland@aviall.com>, "Don Taylor" <dontaylor@aviall.com>
Cc: <dshepherd@dartaero.com>
Date: 11/14/2011 07:47 AM
Subject: stupid hoses

Good Morning all,

Hopefully this is the last time we ever have to discuss these hoses, beside ordering them...

If we send back Rev. C's hoses, can they be changed out for Rev.D's drwg? I;m thinking the -3 hoses are scrap, because they are 2" longer now, but can anything be done for the -5's? Please let me know at your earliest convenience.

Thank You,

Linda Lacelle

Production Manager

Dart Aerospace Ltd

Hawkesbury, ON

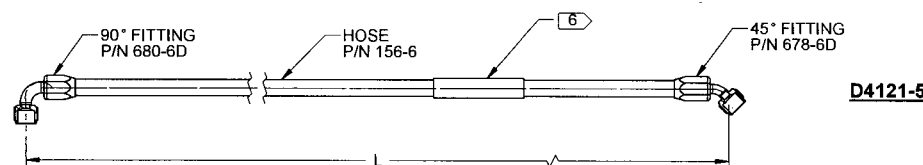
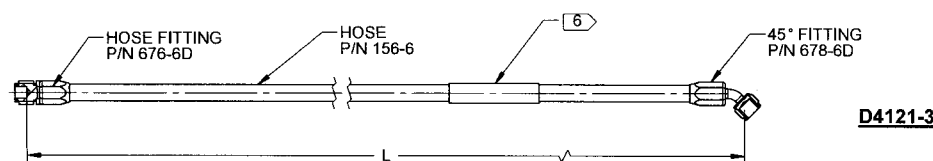
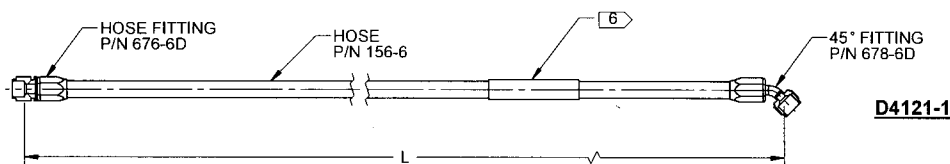
Phone: 613 632 9577

Fax: 613 632 1053

Cell: 613 676 1655

Don @ Hose shop to confirm P/N's are correct!

HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	L
D4121-1	156003-6D0274	API/ AVIAL	27.50
D4121-3	156003-6D0590	API/ AVIAL	59.00
D4121-5	156062D1054	API/ AVIAL	105.50



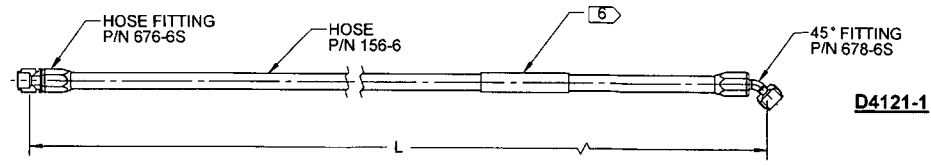
Lowra - Hoses
16 x can't chg
End fittings - scrap 7/11/10
New ones

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: N/A
- 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

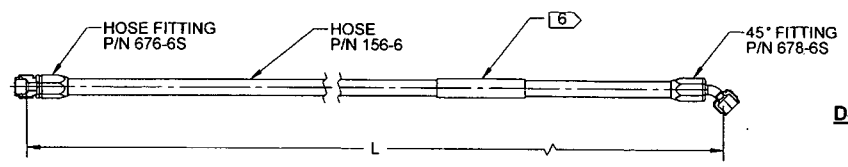
D	P/N 156003-6D0590 WAS 156003-6D0570, P/N 156062D1054 WAS 156062D1054D000 (ZN D2-1)	RF	11.11.10
C	ADD P/N 156062D1054D000 TO D4121-5	RF	11.07.27
B	P/N 676-6D WAS P/N 678-6S (ZN C4-1, B4-1); P/N 676-6D WAS 676-6S (ZN D8-1, C8-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED	RF	DRAWING NO. REV. D	
MFG. APPR.	RF	D4121 SHEET 1 OF 1	
APPROVED		TITLE SCALE	
DE APPR.		HOSE ASSEMBLIES NTS	
DATE	11.11.10	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL - AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

8 7 6 5 4 3 2 1

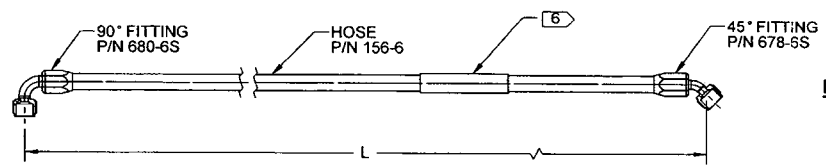


D4121-1

HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	L
D4121-1	156003-6S0274	API	27.50
D4121-3	156003-6S0570	API	57.00
D4121-5	156062D1054S0	API	105.50



D4121-3



D4121-5

RELEASED
2010-09-23

- NOTES:**
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
 7) WEIGHT: N/A
 8) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

A	NEW ISSUE		RF	10.09.16
REV.	DESCRIPTION		BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA		
DRAWN	RF			
CHECKED	<i>MP</i>	DRAWING NO.	REV. A	
MFG. APPR.	<i>MP</i>	D4121	SHEET 1 OF 1	
APPROVED	<i>MP</i>	TITLE	SCALE	
DE APPR.	<i>MP</i>	HOSE ASSEMBLIES		NTS
DATE	10.09.16	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.		

8 7 6 5 4 3 2 1

**RETURN FOR REWORK - NEW C OF C REQ'D**

Ship From: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada
Tel # 1.613.632.5200
GST # RT101272607

Ship To: Aviall Hose Shop
2755 Regent Blvd
DWF Airport, TX 75261
US

Attn: Don Taylor
Ph# 972 586 1380

Date: 12-Oct-11

P.O. #: Oct. 12,2011

Ship Via: Fedex P1 PPD

FOB:ORIGIN

Item	Part Number / Product Description	Qty. TO SHIP	Qty. Shipped	Qty. Back Order
1	D4121-1 B72465	4	4	0
2	D4121-1 B74264	20	20	0
3	D4121-3 B72466	6	6	0
4	D4121-3 B74263	10	10	0
5	D4121-5 B72467	6	6	0
6	D4121-5 B74265	10	10	0

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada
Tel.: 1.613.632.5200
Fax: 1.613.632.1185
GST # RT101272607

Work Order ID 74263

Tuesday, September 27, 2011 1:09:16 PM



Page 1

Item ID: D4121-3

Accept



Setup Start



Revision ID:

Item Name: Hose Assembly

Stop



Start Date: 9/27/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 10/6/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan:

[Signature]

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D4121

C

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Create D2729-1 label and include with W/O
Issue P/O: 15034
Hose Assembly as per Dwg D4121
Possible Supplier: API
Material release note is required

pull from stk 62 D4121-3 B 74466 - ship 74263+74466 to API for correct configuration per drawing

11-09-27 (10)

11-10-13

110

0.00



Receive & Inspect for Damage & Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

11/10/14 (10)
11/11/22 (10)

Work Order ID 74263

Tuesday, September 27, 2011 1:09:16 PM

Page 2

Item ID: D4121-3

Accept

Setup Start

Revision ID:

Item Name: Hose Assembly

Stop

Start Date: 9/27/2011 Start Qty: 10.00

Cust Item ID:

Required Date: 10/6/2011 Req'd Qty: 10.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

130

Small Fab

0.00



Small Fab

Memo

0.00

Small Fab

Install D2729-1 as per Dwg D4121
using D2182-045 Heat Shrink
Batch: 821864

140

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Handwritten signature 11/11/03 (10)

Handwritten signature 11-11-03 (10)

Work Order ID 74263

Tuesday, September 27, 2011 1:09:16 PM

Page 3

Item ID: D4121-3

Accept

Revision ID:

Item Name: Hose Assembly

Start Date: 9/27/2011 Start Qty: 10.00

Required Date: 10/6/2011 Req'd Qty: 10.00

Reference:

Cust Item ID:

Customer:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: <u>192</u>	0.00							
Packaging	Memo	0.00							
Packaging									
160	QC21 - Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

11/11/11
11-11-04
(10)

Picklist Print

Tuesday, September 27, 2011 1:09:14 PM

Page 1

Work Order ID: 74263



Parent Item: D4121-3



Parent Item Name: Hose Assembly

Start Date: 9/27/2011

Required Date: 10/6/2011

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP
REV:B AS PER ECN 11-598 11-06-05 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

156003-6D0570

Purchased

No

110

Each

0.0000

1

10



Hose Assembly

Supply (10)

List Lots

Page 1 of 1

November-03-11 10:43:16 AM

Criteria : Item ID: d4121-3 All Locations All Warehouses All Quantity

Item ID	Warehouse ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
Item Name	Location ID				Lot Code		
D4121-3	Main Warehouse	72466	10/03/11	6.0000	QC21		
Hose Assembly	ST						
Total:				6.0000			

Work Order ID 74265

Tuesday, September 27, 2011 1:10:05 PM

Page 1

Item ID: D4121-5

Accept

Setup Start

Revision ID:

Stop

Item Name: Hose Assembly

Start Date: 9/27/2011 Start Qty: 10.00

Cust Item ID:

Required Date: 10/6/2011 Req'd Qty: 10.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool # Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D4121

C

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Create D2729-1 label and include with W/O
Issue P/O: 15034
Hose Assembly as per Dwg D4121
Possible Supplier: API
Material release note is required

11-09-27
(10)

110

0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

Pull from stock 6 x D4121-5 B 72467 - ship 74265 + 72467
to Auell for correct configuration
per drawing

11-10-13

Rec'd 11/14/13 (10)
11/14/13 (16)

Work Order ID 74265

Tuesday, September 27, 2011 1:10:05 PM

Page 2

Item ID: D4121-5

Accept

Revision ID:

Item Name: Hose Assembly

Start Date: 9/27/2011 Start Qty: 10.00




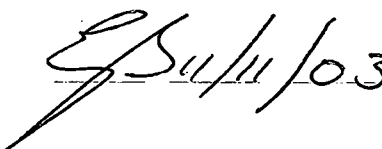


Required Date: 10/6/2011 Req'd Qty: 10.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120  QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00					11	11	01-10
130  Small Fab Small Fab	Small Fab Memo Install D2729-1 as per Dwg D4121 using D2182-045 Heat Shrink Batch: <u>B21864</u>	0.00 0.00							10-03-10
140  QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00					11	11	03-10

Work Order ID 74265



Page 3

Tuesday, September 27, 2011 1:10:05 PM

Item ID: D4121-5

Accept



Setup Start

Revision ID:

Stop

Item Name: Hose Assembly

Start Date: 9/27/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 10/6/2011 Req'd Qty: 10.00



Customer:

Reference:

Run Start

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

150

Identify as per dwg & Stock Location: 192

0.00



Packaging

Memo

0.00

Packaging

10/11/11 (10)

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/11/11

11-11-09
(10)

List Lots

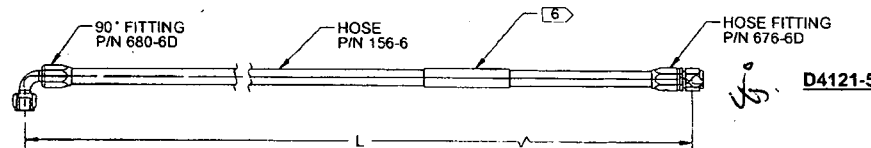
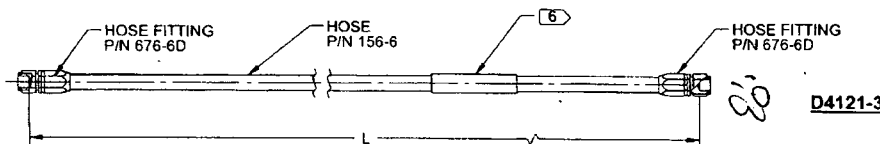
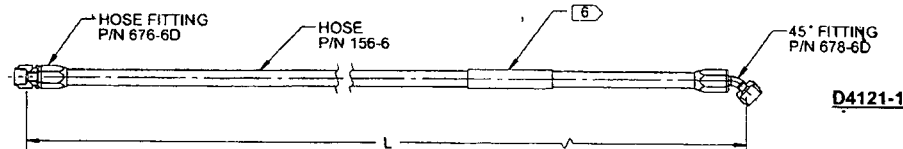
November-03-11 10:43:23 AM

Page 1 of 1

Criteria : Item ID: d4121-5 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D4121-5 Hose Assembly	Main Warehouse ST192	72467	10/03/11	6.0000	QC21		
Total:				6.0000			

HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	L
D4121-1	156003-6D0274	API/ AVIAL	27.50
D4121-3	156003-6D0570	API/ AVIAL	57.00
D4121-5	156062D1054D000	API/ AVIAL	105.50



- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
 - 7) WEIGHT: N/A
 - 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

RELEASED
2011-09-21

C	ADD P/N 156062D1054D000 TO D4121-5	RF	11.07.27
B	P/N 676-6D WAS P/N 678-6S (ZN C4-1, B4-1); P/N 676-6D WAS 676-6S (ZN D8-1, C8-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED	MP	DRAWING NO.	REV. C
MFG. APPR.	MP	D4121	SHEET 1 OF 1
APPROVED	MP	TITLE	SCALE
DE APPR.	MP	HOSE ASSEMBLIES	NTS
DATE	11.07.27	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

Linda Lacelle

From: David Shepherd <dshepherd@dartaero.com>
Sent: November-01-11 6:34 PM
To: Vaughn, Chuck; Wyatt, John
Cc: 'Linda Lacelle'
Subject: FW: Dart Engine Wash

Importance: High

Chuck/John,

Have you ever run into this problem with the RH D4121-3 engine wash hose ...
My understanding is that you've successfully installed at least 2-3 engine wash kits with the existing hose? Would it make sense to make this hose 2" longer in future kits?

Linda,

Please put wheels in motion for a D4121-3 that is 2" longer than dwg currently shows.

Thanks,
David

-----Original Message-----

From: Comeaux, Keevin [mailto:kecomeaux@phihelico.com]
Sent: November-01-11 12:25 PM
To: David Shepherd (dshepherd@darths.com); David Shepherd (dshepherd@dartaero.com)
Cc: Symes, Greg
Subject: Dart Engine Wash
Importance: High

1 56001 600590

David:

We are installing the engine wash hose today. Hose P/N D4121-3 for the R/H engine is two inches short no matter how we route it is short. We made a hose two inches longer in our hose and line shop and it works great. Can you please make use one two inches longer ASAP.

Best Regards,

Keevin Comeaux
Heavy Ship Hangar Manager
PHI, Inc.
2001 S.E. Evangeline Thruway
Lafayette, La. 70509
Phone: 337-272-4301
Fax: 337-235-3855

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DART Helicopter Services

4650 North Avenue
Oceanside, CA 92056
USA
Ph: 1-613-632-3336, Fax: 1-613-632-4443
sales@darths.com

Purchase Order

Order #: 11193
Prepared By: Nancy MacLeod
Date Printed: 10/31/2011
Time: 10:57:43 AM
of Items: 4
Page: 1

Purchased From:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

Ship To:

PETROLEUM HELICOPTERS INC PHI (CPETR01)
2001 SE EVANGELINE THRUWAY
LAFAYETTE, LA 70508-2149 USA
ATT: TONY GONZALEZ
Tax ID#: 72-0395707 Tel #: 1 337 272 4384

PO Date: 7/20/2011 Cust Ref#: PAOG-005117-2011
Need Date: 8/3/2011 Terms: NET 30
Remarks: GOOD TO GO NM 20JUL11

Vendor #: CDART02
Phone #:
Resale: YES

Customer: PETROLEUM HELICOPTERS INC
Fax #:
Resale #:

Insure?: Ship Via: FedEx Int'l Priority Account: 1237 9798 1 DHSCARRIE

All items subject to our inspection and acceptance

Item	Part Number/Description	Delivery	To Ship	CD	List Price	Disc%	Unit Price	Total Amt
1	D139-799-015 AW139 Engine Wash Kit SO#: 9389 SHIP ASAP <i>6 to chg out hoses only</i>	8/3/2011	1.00	FN	\$3,595.50	23.00%	\$2,768.54 EA	\$2,768.54
2	D139-799-013 Cargo Door Fwd Opening Kit SO#: 9389 SHIP ASAP <i>+6 D4131-041's in sth</i>	8/3/2011	2.00	FN	\$1,557.00	23.00%	\$1,198.89 EA	\$2,397.78
3	D139-799-013 Cargo Door Fwd Opening Kit SO#: 9389 QTY 6 TO SHIP NOV 8, 2011 QTY 6 TO SHIP JAN, 15 2012 QTY 6 TO SHIP OCT 15, 2012 <i>gas spin</i>	11/8/2011	18.00	FN	\$1,557.00	23.00%	\$1,198.89 EA	\$21,580.02
	D139-799-015 AW139 Engine Wash Kit SO#: 9389 QTY 3 TO SHIP NOV 8, 2011 QTY 3 TO SHIP JAN, 15 2012 QTY 3 TO SHIP OCT 15, 2012 <i>14 gas streets here</i>	11/8/2011	9.00	FN	\$3,595.50	23.00%	\$2,768.54 EA	\$24,916.86
Please include customer purchase order number on all documents, invoices and packages.								
26/OCT/11 SH PHI emailed that it was OK to send off the balance of the order								

Pricing listed above is as per contract agreement between DART Helicopter Services, and the respective manufacturer.

Item Total: \$51,663.20

Charges: \$0.00

Total: \$51,663.20

US Dollars

Authorized Signature:



DART Helicopter Services

4650 North Avenue
Oceanside, CA 92056
USA
Ph: 1-613-632-3336, Fax: 1-613-632-4443
sales@darths.com

Purchase Order

Order #: 11193

Prepared By: Nancy MacLeod

Date Printed: 10/31/2011

Time: 10:57:44 AM

of Items: 4

Page: 2

Purchased From:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

Ship To:

PETROLEUM HELICOPTERS INC PHI (CPETR01)
2001 SE EVANGELINE THRUWAY
LAFAYETTE, LA 70508-2149 USA
ATT: TONY GONZALEZ
Tax ID#: 72-0395707 Tel #: 1 337 272 4384

PO Date: 7/20/2011

Cust Ref#: PAOG-005117-2011

Vendor #: CDART02

Customer: PETROLEUM HELICOPTERS INC

Need Date: 8/3/2011

Terms: NET 30

Phone #:

Fax #:

Remarks: GOOD TO GO NM 20JUL11

Resale: YES

Resale #:

Insure?:

Ship Via: FedEx Int'l Priority

Account: 1237 9798 1

DHSCARRIE

All items subject to our inspection and acceptance

Item	Part Number/Description	Delivery	To Ship	CD	List Price	Disc%	Unit Price	Total Amt
	9/20/2011 - NM - UPDATED SHIP DATE TO 10/14/2011 PER LL 8/29/2011 - NM - UPDATED SHIP DATE TO 9/30/2011 PER LL 7/21/2011 - NM - HONORING ORIGINAL PRICING DELIVERY DATES FOR REMAINING KITS TBA ONCE THE FIRST KITS ARE INSTALLED.							

Pricing listed above is as per contract agreement between DART Helicopter Services, and the respective manufacturer.

Item Total: \$51,663.20

Authorized Signature:

See last page for totals

Cc: Carrie Pearson; Larsen Jr., Joseph
Subject: RE: Status Update of 2 Dart Orders

Shirley,

Please ship the remaining order. It will be a few weeks before we are able to install the units we have. We must close out this transaction before the end of the year.

Patrick J Robert

Maintenance Superintendent, Aircraft Operations
Chevron North America Exploration & Production Company
96 Runway Road
Picayune, Mississippi 39466
Tel: 601-749-4041
Fax: 601-749-4034

From: Shirley Hay [mailto:SHay@darths.com]
Sent: Thursday, October 27, 2011 3:24 PM
To: Larsen Jr., Joseph
Cc: Carrie Pearson; Robert, Patrick (RPAJ)
Subject: RE: Status Update of 2 Dart Orders

Hello Joey

I believe we are waiting to make sure that the initial install went well....can you let us know and then we will release the rest. Let us know....

Regards
Shirley Hay

From: Larsen Jr., Joseph [mailto:JLJR@chevron.com]
Sent: Thursday, October 27, 2011 2:24 PM
To: Shirley Hay
Cc: Robert, Patrick (RPAJ)
Subject: Status Update of 2 Dart Orders

Shirley,

Please advise delivery status on the following material:

- M0026273, 14 each, D139-799-013, Cargo Door FWD Kit. Original order for 16, received 2.
- M0026274, 7 each, D139-799-015, Engine Wash Kit. Original order for 8 ea, received 1.

We need these things onsite by the end of November.

Thanks so much for your help,

Joseph R Larsen Jr (Joey)

Aviation Parts & Purchasing Supervisor
Chevron Gulf of Mexico BU, CNAEP

Linda Lacelle

From: Carrie Pearson <CPearson@darths.com>
Sent: October-31-11 1:32 PM
To: 'David Shepherd'
Cc: Peggy McDonald; 'Linda Lacelle'; Shirley Hay
Subject: AW139 CHEVRON KITS
Attachments: Carrie Pearson.vcf

Hi David

Chevron would like the remainder of their Purchase Order shipped . See email below.

Linda

Please advise ship dates for the remainder?

Thank you



Connect with DART @ :



From: Shirley Hay
Sent: October 31, 2011 11:04 AM
To: Carrie Pearson
Subject: FW: Status Update of 2 Dart Orders

Hello Carrie

This is the email from Chevron...

Regards
Shirley Hay

From: Robert, Patrick (RPAJ) [mailto:RPAJ@chevron.com]
Sent: Thursday, October 27, 2011 4:27 PM
To: Shirley Hay